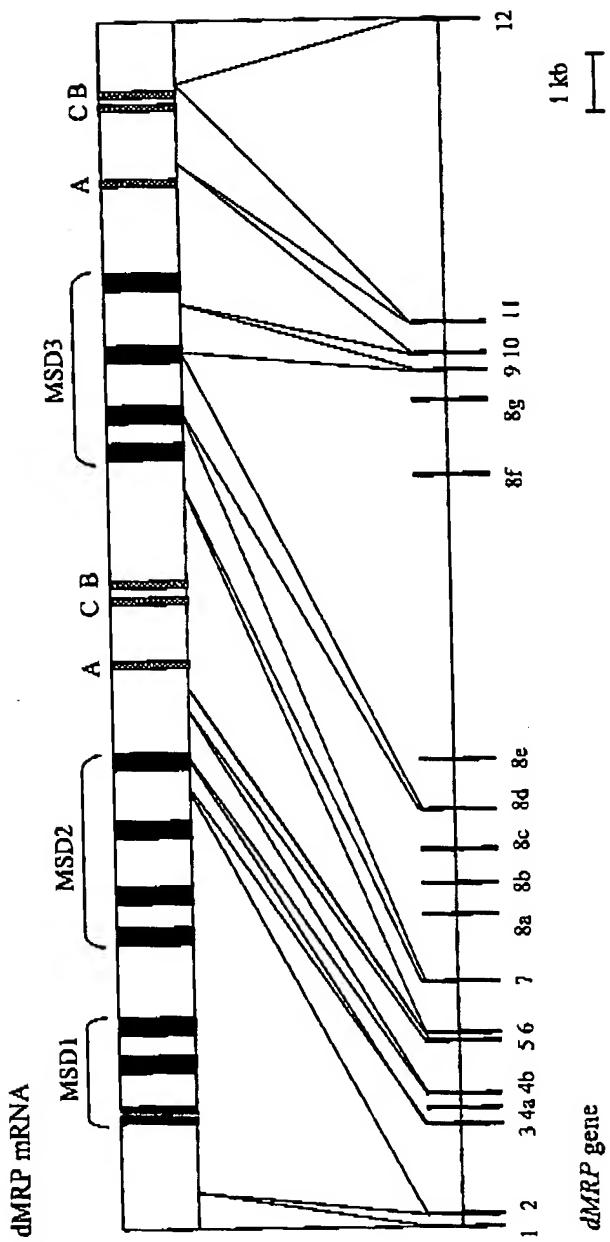


Figure 1

Figure 2



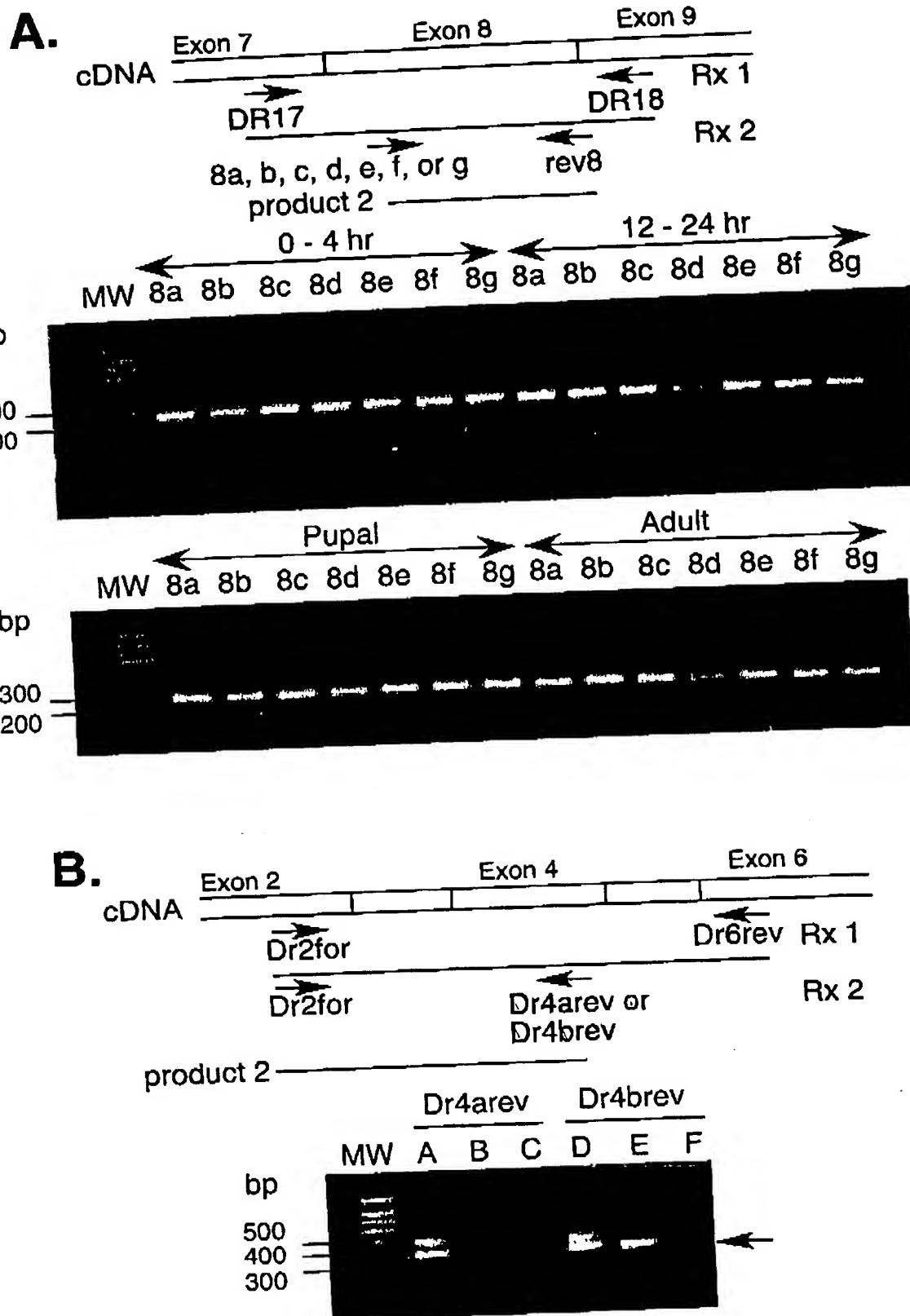


Figure 3

A	VALCTFAVYVTIDENN--ILDAQTAFVSLLALPNILRFPPLNILPVMVISSIVQ MRP1 VSVVTFSSVVVLDENN--ILDAQKAPTSITLLENILRPPLSMLPMMISSLQ MRP2 VSLVTTFSSVVVLDENN--ILDAEKAFAVSVSLLFNILRPLNNMLPQLISNLTC MRP3 VTLITLWVVVYVDPNN--VLDAEKAVLVSIAFLDNILRPLNNMLPQLISNLTC 4a VSLVTTFATVVLTSBAN--QLSDEATXTRVSLSSLENLITRPLNMLPQLISNLTC Dsur ITFPVTLGCVYVNLHEDQEFDLNASRLFESSLALFOQLTVPLLIFPITVPIIA Cons V-LVTF- VVY--D-NN--LDA-K-PVS-LPNILR-PL--LPM-I---Q
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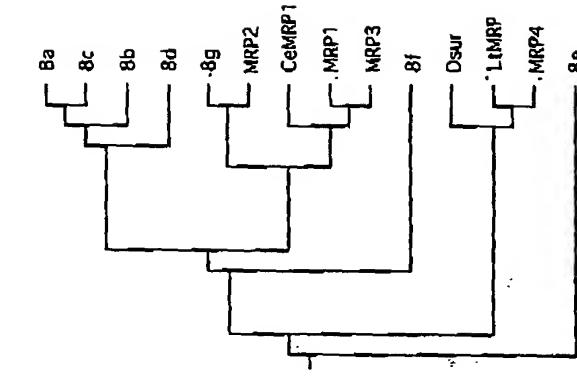


Figure 4

FIGURE 5

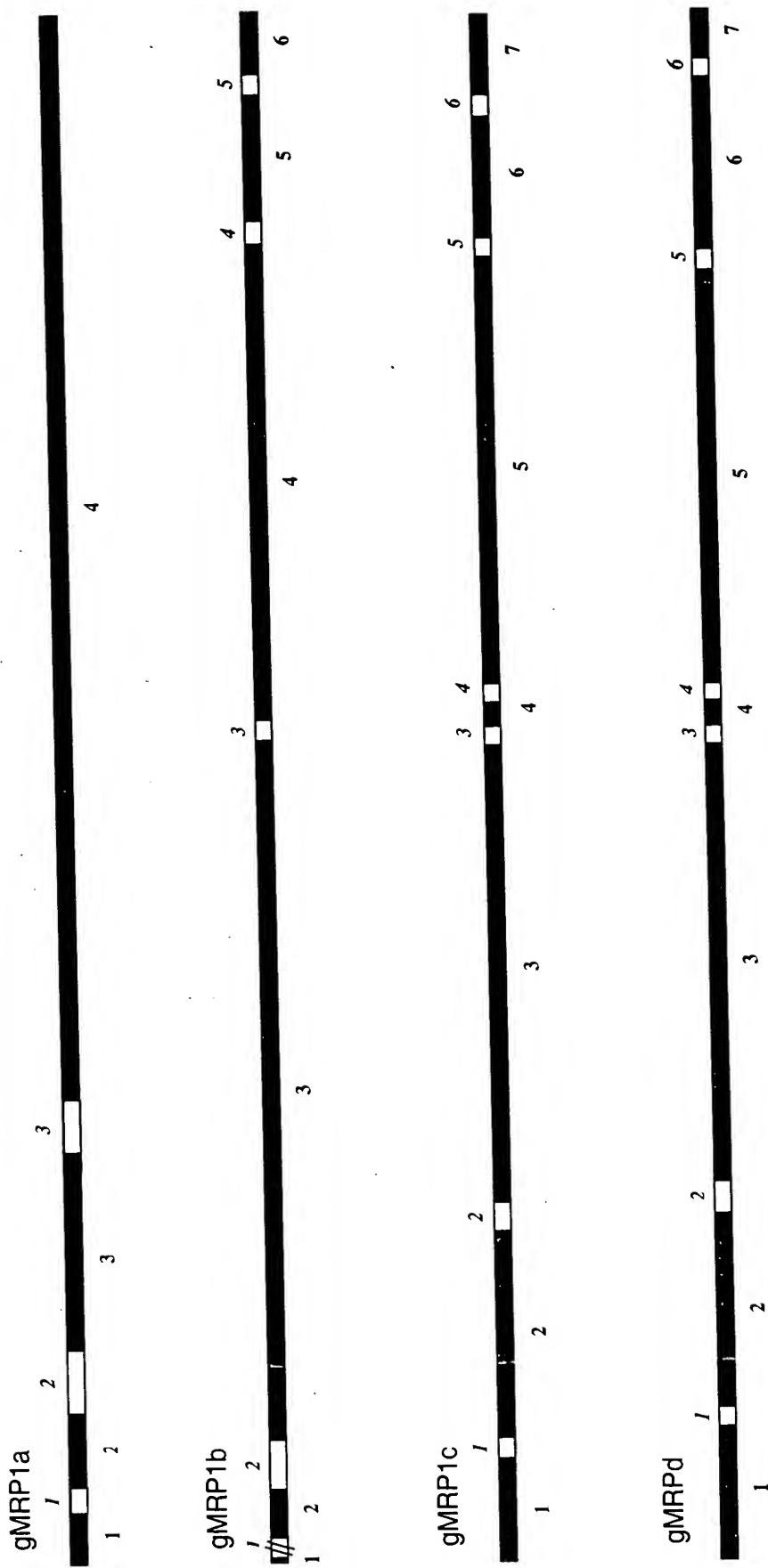


Figure 6

Figure 6

Figure 6

gMAP1c	RVDYNNQLVSYPTIVANRWLAVARELIGSCVILFAAELFAILLARDTIGQATVGSISYALQI	1214
gMAP1d	RVDYNNQLTSYPSIVANRWLAVARELIGSCLVILFAAELFAILLARDTIGQATVGSISYALQI	1216
gMAP1b	RVDYNNQLTSYPSIVANRWLAVARELIGSCLVILFAAELFAILLARDTIGQATVGSISYALQI	1213
gMAP18	RVDTHQNQVCKYPSIVANRWLAVARELIGMVGNSQSMVGTAVLGGQTNT-PGLVGLSAGLSAGLQV	1135
gMAP	KVDKNQKAYYPSIVANRWLAVARELIGMVGNCIVLFAAELFAILLARDTIGQATVGSISYALQV	1255
MRP1	KVDENQKAYYPSIVANRWLAVARELIGMVGNCIVLFAAELFAILLARDTIGQATVGSISYALQV	1240
gMAP1c	SHYLSFLVRMTSEVEETNIVAYERLEEYTVLPREAEWQKG--	1269
gMAP1d	SNVLSFLVRMTAEVEETNIVAYERLEEYTVLPREAEWQLG--	1271
gMAP1b	SATSLNSFLVRMTAEVEETNIVAYERLEEYTVLPREAEWQLG--	1268
gMAP18	SATSLNSFLVRMTAEVEETNIVAYERLEEYTVLPREAEWQLG--	1195
gMAP	FSSLTNSFLVRMTAEVEETNIVAYERLEEYTVLPREAEWQLG--	1313
MRP1	TQTLNWLVRMSSSEMSETNIVAYERLEEYTVLPREAEWQLG--	1287
gMAP1c	YQIRYREGGLDLVIRGIGISLNVRGGGEKKIGIVGRGTGAKSSSLTLLGLFRIIIVEAAAG-GQ	1328
gMAP1d	YQIRYREGGLDLVIRGIGISLNVRGGGEKKIGIVGRGTGAKSSSLTLLGLFRIIIVEAAAG-GQ	1330
gMAP1b	YQIRYREGGLDLVIRGIGISLNVRGGGEKKIGIVGRGTGAKSSSLTLLGLFRIIIVEAAAG-GQ	1327
gMAP18	FSSLTHADGG-STVYLHNVYTLTIAAGGKLGIVGRGTGAKSSSLTLLGLFRIIIVEAAAG-GQ	1254
gMAP	FQVARYREDLDFVLRHINVTINGGEKIVGIVQRGTGAKSSSLTLLGLFRIIIVEAAAG-GQ	1372
MRP1	YCLRYREDLDFVLRHINVTINGGEKIVGIVQRGTGAKSSSLTLLGLFRIIIVEAAAG-GQ	1356
gMAP1c	DISKMGLHQQLRQLTIPQDPVLFSQGTLLRANYDPFPKSYSDDQVWWKALELSSHLLKTFVKGQLS	1388
gMAP1d	DISKMGLHQQLRQLTIPQDPVLFSQGTLLRANYDPFPKSYSDDQVWWKALELSSHLLKTFVKGQLT	1390
gMAP1b	DISKMGLHQQLRQLTIPQDPVLFSQGTLLRANYDPFPKSYSDDQVWWKALELSSHLLKTFVKGQLT	1387
gMAP18	ELGRISLQKLQKLAGELTLLVPGQSTSLLFSQGVVQNFIDPRNGHTDEEL-RCLLRECGLG--	1307
gMAP	DIASMGHLHMNLASRLTIPQDPVLFSQGSLSLRMNLDFPSQYSDEEVWTSLLELAHKDFVSALP	1432
MRP1	NIAKIGLHDLRFKITIPQDPVLFSQGSLSLRMNLDFPSQYSDEEVWTSLLELAHKDFVSALP	1316
gMAP1c	AGLDHEIAENGGENLSVGQRLICLARAYLRLKTKYLILDEATAAVDLETTDDLIQKTIIRTEF	1448
gMAP1d	AGLDHEIAENGGENLSVGQRLICLARAYLRLKTKYLILDEATAAVDLETTDDLIQKTIIRTEF	1450
gMAP1b	AGLDHEIAENGGENLSVGQRLICLARAYLRLKTKYLILDEATAAVDLETTDDLIQKTIIRTEF	1447
gMAP18	AGLNHEIAEGGENLSVGQRLICLARAYLRLKTKYLILDEATAAVDLETTDDLIQKTIIRTEF	1364
gMAP	DKLDHECAEGGENLSVGQRLICLARAYLRLKTKYLILDEATAAVDLETTDDLIQKTIIRTEF	1492
MRP1	DKLDHECAEGGENLSVGQRLICLARAYLRLKTKYLILDEATAAVDLETTDDLIQKTIIRTEF	1476
gMAP1c	ADCTILTAHRLNTLDSDRVLVLDKGLVAECDSPOQLANRESIFYGMANKAGIVS	1505
gMAP1d	ADCTILTAHRLNTLDSDRVLVLDKGLVAECDSPOQLANRESIFYGMANKAGIVS	1507
gMAP1b	ADCTILTAHRLNTLDSDRVLVLDKGLVAECDSPOQLANRESIFYGMANKAGIVS	1504
gMAP18	HGRTVLMLAHRLNTLDSDRVLVLDKGLVAECDSPOQLANRESIFYGMANKAGIVS	1414
gMAP	KECTVLTIAHRLNTLDSDRVLVLDKGLVAECDSPOQLANRESIFYGMANKAGIVS	1548
MRP1	EDCTVLTIAHRLNTLDSDRVLVLDKGLVAECDSPOQLANRESIFYGMANKAGIVS	1531

Figure 6